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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: SPIRA=1A

In re Application of:	)	Conf. No.: 4939
Micha SPIRA et al	)	Art Unit: Not Yet Assigned
Appln. No.: 10/560,315	)	Examiner: Not Yet Assigned
Filing Date: June 10, 2004	)	Washington, D.C.
For: ELECTRONIC DEVICE FOR COMMUNICATING WITH...	)	September 28, 2006

COMMUNICATION TO CORRECT PTO/SB/08A (1449) FORM

Honorable Commissioner for Patents
U.S. Patent and Trademark Office
Randolph Building, Mail Stop Amendments
401 Dulany Street
Alexandria, VA 22314

Sir:

The PTO/SB/08A (1449) Form previously submitted on September 12, 2006, contained a typographical error in the document number for references AA and AC. The previously submitted PTO/SB/08A (1449) Form incorrectly indicated the document number of reference **AA** as being EP 2000097899, instead of the correct document number **JP 2000097899**, and reference **AC** as being EP 2001156398, instead of the correct document number **JP 2001156398**. Attached hereto is a clean copy of the PTO/SB/08A (1449) Form previously submitted but reflecting the correction to references AA and AC.

It is respectfully requested that the attached clean copy of PTO/SB/08A (1449) Form replace the PTO/SB/08A (1449) Form originally submitted with the above-identified application on September 12, 2006, and be entered into the file to correct the record.

Respectfully submitted,

BROWDY AND NEIMARK
Attorneys for Applicant(s)

By: 
Ronni S. Jillions
Registration No. 31,979

RSJ:cak
624 Ninth Street, N.W., Suite 300
Washington, D.C. 20001-5303
Telephone: (202)628-5197
Facsimile: (202)737-3528

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 6

Complete if Known	
Application Number	10/560,315
Filing Date	PCT Filing Date: June 10, 2004
First Named Inventor	Micha SPIRA et al
Group Art Unit	Not Yet Assigned
Confirmation No.	4939
Attorney Docket Number	SPIRA=1A

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Number Country Code[3] Number[4] Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	AA	**JP 2000097899**	**04-07-2000**	**NTT Advanced Technology Corp.**	**Abstract**	
	AB	WO 00/51191	08-31-2000	Yissum Research Development Company		
	AC	**JP 2001156398**	**06-08-2001**	**Canon Inc.**	**Abstract**	
	AD	WO 01/25769 A2	04-12-2001	Sophion Bioscience A/S		
	AE	WO 03/104789 A1	12-18-2003	Rutgers, the State University of New Jersey, University of Medicine & Dentistry of New Jersey		
	AF	WO 2004/044573 A1	05-27-2004	Yissum Research Develop.		

Examiner Signature		Date Considered	

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NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
	AG	Stett, A., Muller, B., Fromherz, P., "Two-way silicon- neuron interface by electrical induction", *Phys. Rev. B.*, 55: 1779-1781 (1997)	
	AH	Fromherz, P., "Electrical Interfacing of Nerve Cells and Semiconductor Chips", *Chemphyschem*. 3:276-84; 2002	
	AI	Weis R., and P. Fromherz. "Frequency dependent signal-transfer in neuron-transistors", Physical Review E. 55:877-889; January 1997	
	AJ	Weis R., B. Muller, and P. Fromherz, "Neuron Adhesion on a Silicon Chip Probed by an Array of Field-Effect Transistors", Physical Review Letters. 76:327-330; 8 January 1996	
	AK	Kandel, E.R. 2001, "The Molecular Biology of Memory Storage: A Dialog Between Genes and Synapses", Bioscience Report vol. 21, No. 5 pp. 565-611; October 2001	
	AL	Kandel, E.R. 2001, "The Molecular Biology of Memory Storage: A Dialogue Between Genes and Synapses", Science. 294:1030-8; 2 November 2001	
	AM	Zeck G., and P. Fromherz., "Noninvasive neuroelectronic interfacing with synaptically connected snail neurons immobilized on a semiconductor chip", Proc Natl Acad Sci U S A. 98:10457-62, August 28, 2001;	
	AN	Aderem, A., and D.M. Underhill. 1999, "Mechanisms of phagocytosis in macrophages", Annu Rev Immunol. 17:593-623	
	AO	May, R.C., and L.M. Machesky, 2001, "Phagocytosis and the actin cytoskeleton", J Cell Sci. 114:1061-77	
	AP	Indik Z. et al., 1991, "Human Fc, RII, in the absence of other Fc, receptors, mediates a phagocytic signal", J Clin Invest. 88:1766-71	
	AQ	Blystone S.D. et al., November 1994, "Integrin alpha v beta 3 Differentially Regulates Adhesive and Phagocytic Functions of the Fibronectin Receptor alpha 5 beta 1", J Cell Biol. 127:1129-37	
	AR	Stahl P.D., and R.A. Ezekowitz, 1998, "The mannose receptor is a pattern recognition receptor involved in host defense", Current Opinion in Immunology 10:50-5	

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	AS	Dahlgren K et al., "Immobilization of Enzymes Based on Hydrophobic Interaction. I. Preparation and Properties of a ß-Amylase Adsorbate; Biotechnology and Bioengineering, Vol. XVIII, pp. 1573-1588 (1976)	
	AT	Critchley D.R., 2000, "Focal adhesions - the cytoskeletal connection", Current Opinion in Cell Biol. 12:133-9	
	AU	Heiple J.M. et al., 1990, "Macrophages Form Circular Zones of Very Close Apposition to IgG-Coated Surfaces", Cell Motility Cytoskeleton. 15:260-70	
	AV	Willner, I.; Katz, E. Angew. "Enzyme electrodes allow the production of more types of products" Chem., Int. Ed. 2000, 39, 1180-1218	
	AW	Yang, M. et al., Anal. "Acoustic Network Analysis as a Novel Technique for studying protein adsorption and Denaturation at Surfaces" Chem. 1993, 65, 3713-3716	
	AX	Caruso F. et al., J. "Characterization of Ferritin Adsorption onto Gold" Colloid Interface Science 1997, 186, 129-140	
	AY	Razumas V., Arnebrant T., J. "Direct electrochemistry of microperoxide - 11 at gold electrodes modified by self-assembled monolayers of 4,4'-ditihiodipyridine and 1-octadecanethiol" Electroanalytical Chemistry. 1997, 427, 1-5	
	AZ	Moulin A. M. et al., " Measuring Surface-Iinduces Conformational Changes in Protein" Langmuir 1999, 15, 8776-8779	
	BA	Armstrong F. A. et al., "Reaction of electron-transfer proteins at electrodes" Q. ReV. Biophys. 1986, 18, 261-322	
	BB	Ulman A., "Formation and Structure of Self-Assembled Monolayers" Chem. Rev. 1996, 96, 1533-1554	
	BC	Prime K. L., Whitesides G. M., J. Am. "Adsorption of Protein onto Surfaces Containing End-Attached Oligo (ethylene oxide): A Model System Using Self-Assembled Monolayers" Chem. Soc. 1993, 115, 10714-10721	
	BD	Lahiri J. et al., "A Strategy for the Generation of Surfaces Presenting Lligands for Studies of Binding based on an Active Ester as a Common Reactive Intermediate: A Surface Plasmon Resonance Study" Anal. Chem. 1999, 71, 777-790	

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	BE	Spinke J. et al., "Molecular Recognition at Self-Assembled Monolayers: Optimization of surface functionalization" J. Chem Phys. 1 November 1993, 99, 7012-7019	
	BF	Spinke J. et al.," Molecular Recognition at Self-Assembled Monolayers: The Construction of Multicomponent Multilayers" Langmuir 1993, 9, 1821-1825	
	BG	Jain A., Huang S. G., Whitesides, "Lack of Effect of the Length of Oligoglycine and Oligo (ethylene glycol)-Drives para-Substituents on the Affinity of Benzenesulfonamides for Carbonic Anhydrase II in Solution" G. M. J. Am. Chem. Soc. 1994, 116, 5057-5062;	
	BH	Mrksich M., Grunwell J. R., Whitesides "Biospecific Adsorption of carbonic Anhydrase to Self-Assembled Monolayers of Alkanethiolates That Present Benzenesulfonamide Group on Gold" G. M., *J. Am. Chem. Soc.* **1995**, *117*, 12009-12010	
	BI	Frey B. L. et al., "Control of the specific adsorption of Protein onto Gold Surfaces with poly(L-Iysine) Monolayers" *Anal. Chem.* **1995**, *67*, 4452-4457	
	BJ	Schlereth D. D., "Preparation of gold surface with biospecific affinity for NAD(H)-dependent lactate dehydrogenase" *Sens. Actuators, B* **1997**, *43*, 78-86	
	BK	Schlereth D. D., Kooyman R. P. H., "Self-assembled monolayers with biospecific affinity for NAD(H)-dependent dehydrogenases: characterization by surface plasmon resonance combined with electrochemistry 'in situ' *J. Electroanal. Chem.* **1998**, *444*, 231-240	
	BL	Perez-Luna V. H. et al, "Molecular Recognition between Genetically Engineered Streptavidin and Surface-Bound Biotin" *J. Am. Chem. Soc.* **1999**, *121*, 6469-6478	
	BM	Porath J. et al., "Metal Chelate affinity chromatography, a new approach to protein fractionation" *Nature* **1975**, *258*, 598-599	
	BN	Mosbach G. R. et al., "Protein of Cellulose-Bound Enzymes" *Methods Enzymol.* **1976**, *44*, 53-65	
	BO	Mattiasson B., "Affinity Immobilization" *Methods Enzymol.* **1988**, *137*, 647-656	
	BP	Bastida A. et al, "A Single Step Purification, Immobilization, and Hyperactivation of Lipases via Interfacial Adsorption on Strongly Hydrophobic Support" *Biotechnol. Bioeng.* **1998**, *58*, 486-493	

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	BQ	Turkova J, "Oriented immobilization of biologically active protein as a tool for revealing protein interactions an function" *J. Chromatogr., B* **1999**, *722*, 11-31	
	BR	Willner I. et al, "Electrical Wiring of Glucose Oxidase by Reconstitution of FAD-Modified Monolayers Assembled onto Au-Electrodes" *J. Am. Chem. Soc.* **1996**, *118*, 10321-10322	
	BS	Schmidt H.-L., Schuhmann W., "Reagentless oxidoreductase sensors" *Biosens. Bioelectron.* **1996**, *11*, 127-135	
	BT	Katz E. et al., "Reconstitution of the quinoprotein glucose dehydrogenase from its apoenzymeon a gold electrode surface modified with monolayer of pyrroloquinoline quinine" *J. Electroanal. Chem.* **1994**, *368*, 165-171	
	BU	Guo L.-H. et al, "Photo-active and electro-active protein films prepared by recostitution with metalloporphyrins self-assembled on gold" *J. Mater. Chem.* **1996**, *6*, 369-374	
	BV	Katz E. et al, "Electrical contact of redox enzymes with electrodes: novel approaches for amperometric biosensors" *Bioelectrochem. Bioenerg.* **1997**, *42*, 95-104	
	BW	Willner I. et al, "Assembly of functionalized monolayers of redox protein on electrode surfaces: novel bioelectronic and optobioelectronic system" *Biosens. Bioelectron.* **1997**, *12*, 337-356	
	BX	Gorton L. et al, "Direct electron transfer between heme-containing enzymes and electrodes as basis for third generation biosensors" *Anal. Chim. Acta* **1999**, *400*, 91-108	
	BY	Hodneland, C. D.; Lee, Y.-S.; Min, D.-H.; Mrksich, M. *Proc.*"Selective immobilization of protein to self-assembled monolayers presenting active site-directed capture ligands" *Natl. Acad. Sci. U.S.A.* **2002**, *99*, 5048-5052	
	BZ	Gilardi, G.; Fantuzzi, A.; Sadeghi, S. J. "Engineering and design in bioelectrochemestry of metalloproteins" *Curr. Opin. Stuct. Biol.* **2001**, *11*, 491-499	
	CA	Pierrat, O.; Lechat, N.; Bourdillon, C.; Laval, J. M. "Electrochemical and Surface Plasmon Resonance Characterization of the Step-by-Step Self-Assembly of a Biomimetric Structure onto an Electrode Surface" *Langmuir* **1997**, *13*, 4112-4118	
	CB	Darder, M.; Casero, E.; Pariente, F.; Lorenzo, E. "Biosensors Based on Membrance-Bound Enzymes Immobilized in a 5-(Octyldithio)-2-nitirobenzoic Acid Layer on Gold Electrodes" *Anal. Chem.* **2000**, *72*, 3784-3792	

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	CC	W. C. Wildering, P. M. Hermann, A. G. M. Bulloch "Neurite Outgrowth, RGD-Dependent, and RCG-Independent Adhesion of Identified Molluscan Motoneurons on Selected Substrates" J Neurobiol 35: 37-52, 1998	
	CD	Sfez R. et al., "Polyaniline Monolayer Self-Assembled on Hydroxyl-Terminated Surfaces" *Langmuir* **2001**, *17(9)*, 2556-2559	
	CE	Turyan, I.; Mandler, D., "Two-Dimensional Polyaniline Thin Film Electrodeposited on a Self-Assembled Monolayer" *J. Am. Chem. Soc.* **1998**, *120*, 10773-10742	
	CF	MA X L et al: "Microstructural characterization of Si cones fabricated by Ar<+>-sputtering Si/Mo targets" Journal of crystal Growth, North Holland Publishing, Amsterdam, NL Vol. 234, no. 4, February 2002, pages 654-659	
	CG	Fromherz P: "Semiconductor chips with ion channels, nerve cells and brain", Physica e Elsevier Netherlands, Vol. 16 no. 1, January 2003, Pages 24-34	

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